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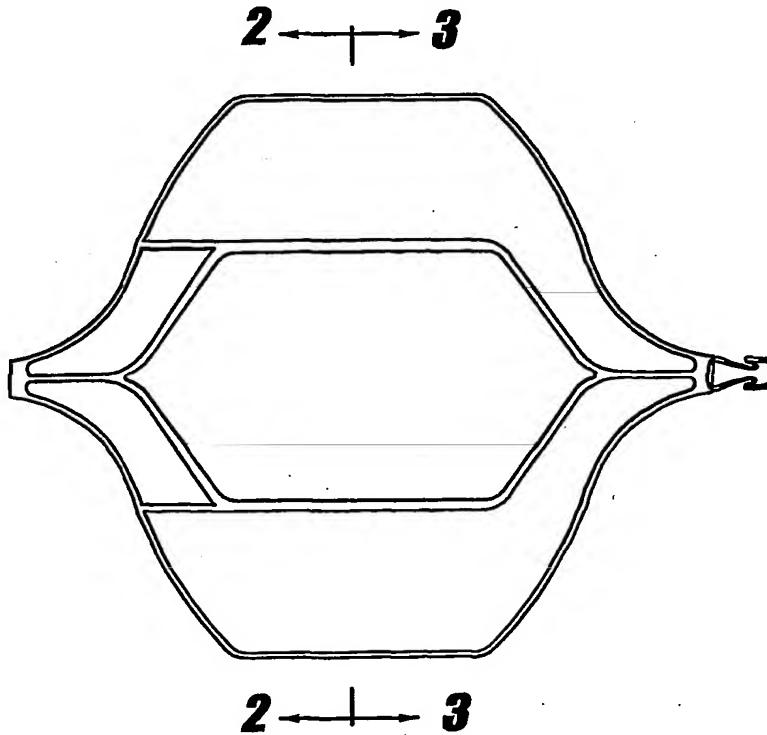
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(54) Title: ASYMMETRICAL MEDICAL FILTER



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(57) Abstract: A medical filter has a double-basket design, in which the two filter baskets have balanced filtering efficiencies, so that both filter baskets tend to collect or capture amounts of material that are approximately equivalent. In other words, a second, or "downstream" filter basket may be designed to have a filter efficiency greater than that of a first or "upstream" filter basket. There are a variety of ways in which this tailored filter basket performance can be achieved. Some examples include increasing the number of struts or decreasing the size of the filter cells or other filter elements of the second or "downstream" filter basket. Likewise, a similar result may be reached by decreasing the number of struts or increasing the size of the filter cells or other filter elements of the first or "upstream" filter basket. In some cases, such a filter may be used in a blood vessel, for the purpose of intercepting thrombus. Where the filter is implanted in a blood vessel, it may be retrievable for a longer period of time.



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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61M 29/00  
US CL : 606/200

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 606/200

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,364,895 B1 (Greenhalgh) 02 April 2002 (02.04.2002), See entire document.	1,2,4,5,7,8 3,6
Y	US 6,241,746 B1 (Bosma et al.) 05 June 2001 (05.06.2001), See entire document.	1-8

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

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| "P" | document published prior to the international filing date but later than the priority date claimed  |     |  |

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